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PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RE PATENT APPLICATION OF: USAMA M. FAYYAD ET AL.

Serial No. 09/401,439 Examiner: not yet assigned

Filed 09/22/99 Group Art Unit 2761

Title: DATA MINING FOR MANAGING MARKETING RESOURCES

Docket 15-948 - 4254

Assistant Commissioner for Patents
Washington, D.C. 20231

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#5/Revocation
J. Fayyad
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REVOCATION AND POWER OF ATTORNEY

The undersigned, owner of the entire right, title and interest in and to an application for letters patent for DATA MINING FOR MANAGING MARKETING RESOURCES, Serial No. 09/401,439 filed September 22, 1999, hereby revokes all previous powers of attorney and appoints each of the following attorneys, all of whom are associated with Watts, Hoffmann, Fisher & Heinke Co., L.P.A. (Telephone No. 216/241-6700, Facsimile No. 216/241-8151), an attorney of record to prosecute this application and to transact all business in the Patent Office connected therewith: Thomas E. Fisher, Reg. No. 18,271; Lowell L. Heinke, Reg. No. 19,471; James G. Watterson, Reg. No. 20,180; Linn J. Raney, Reg. No. 23,078; John R. Hlavka, Reg. No. 29,076; Stephen J. Schultz, Reg. No. 29,108; Richard A. Sharpe, Reg. No. 34,722; George L. Pinchak, Reg. No. 37,697; Paul A. Serbinowski, Reg. No. 34,429; Kenneth J. Smith, Reg. No. 45,115; William A. Johnston, Reg. No. 47,687 and Jennifer Nock Hinton, Reg. No. 47,653 and the following attorney(s), all of whom are associated with Microsoft Corporation having an address of One Microsoft Way, Redmond, Washington 98052-6399, namely, Daniel D. Crouse, Reg. No. 32,022 and Katie E. Sako, Reg. No. 32,628 and hereby appoints the foregoing Stephen J. Schultz, Reg. No. 29,108 principal attorney.

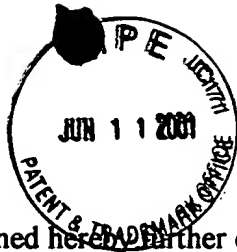
And hereby designates as mailing address the office of:

WATTS, HOFFMANN, FISHER & HEINKE CO., L.P.A.
1100 Superior Ave., Ste. 1750
Cleveland, OH 44114

I hereby certify that this paper is being submitted to the
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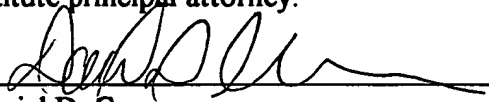
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on 6/18/01
By: [Signature]



The undersigned hereby further designates and appoints any officer of Watts, Hoffmann, Fisher & Heinke Co., L.P.A. his attorney in fact with full power of substitution and revocation, including power to designate a substitute principal attorney.

Date 6/5/01


Daniel D. Crouse
Assistant Secretary

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